delete-do sot use in SEQUENCE LISTING NEW Jeques Rules Does Not Comply Corrected Diskette Needed format <110> APPLICANTS: 7 more up to 2/107 line
(At Jobling, Stephen Alan RECEIVED (B) Safford, Richard MAY 0 2 2001 <120> TITLE OF INVENTION: Improvements in or Relating to Starch Content TECH CENTER 1600/2900 <130> Case 1637 NOT use alphabetreal headings <140> US 09/297,703 <141> 1999-07-19 when employing heis <150> PCT/GB97/03032 <151> 1997-11-04 Seguere Rulis format. <160 36 <170> Microsoft WORD 97 <210> SEQ ID NO: #1 <211> LENGTH: 20 base pairs <212> DNA <213> Manihot, esculenta <220> delete, if he responser on [2217, [222], or [223] <221> <222> <223 <300 WO 98/20145 published 1998-05-14 Sel nxt page - do not ensent responser , <301> to 13007. (3007 <302> is a header only <303> delete - no respossis <304> Keen on (3007 <305> <306> <307> <308>

1/297,703

(309>) delete <310> WO 98/20145 RECEIVED (<311>) Lebete MAY 0 2 2001 <312> 1998-05-14 TECH CENTER 1600/2900 (313) delitu <400> SEQ ID NO: #1
ATGGACAAGG ATATGTATGA USE OWEY-CASE letter when · Sequera Listing is in <210> SEQ ID NO: #2 New Segure Rules format <211> LENGTH: 20 base pairs <212> DNA <213> Manihot, esculenta delete, Mho LZZI, LZZZZ, on LZZZZZ <220> <221> <222> <223> Keep 23007 WITHOUT responsed <300> WO 98/20145 published 1998-05-14 <301> <302> <303> <304> Selite <305> <306> <307> <308> <309> <310> WO 98/20145

(311) delite

<312> 1998-05-14

<313>) deletu

(400) BEQ TO NO: #2 GGTTTCATGA CTTCTGAGCA USE lower-case letter

20

Hese pager are given ar a sample of globally errored format.

Sel next pages

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<213> Manihot, esculenta
<220>
           delete
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Cys Lys Ser Gln Ser Thr Gly Phe His Gly Tyr Arg Arg Thr Ser Ser
Cys Leu Ser Phe Asn Phe Lys Glu Ala Phe Ser Arg Arg Val Phe Ser
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Gly Lys Ser Ser His Glu Ser Asp Ser Ser Asn Val Met Val Thr Ala
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<210> SEQ ID NO:

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- Thr Asn Phe Tyr Ala Ala Ser Ser Arg Phe Gly Thr Pro Asp Asp Leu 370 375 380
- Lys Ser Leu Ile Asp Lys Ala His Glu Leu Gly Leu Leu Val Leu Met 385 390 395 400
- Asp Ile Val His Ser His Ala Ser Thr Asn Thr Leu Asp Gly Leu Asn 405 410 415
- Met Phe Asp Gly Thr Asp Gly His Tyr Phe His Ser Gly Pro Arg Gly
 420 425 430
- His His Trp Met Trp Asp Ser Arg Leu Phe Asn Tyr Gly Ser Trp Glu 435 440 445
- Val Leu Arg Phe Leu Leu Ser Asn Ala Arg Trp Trp Leu Asp Glu Tyr 450 455 460
- Lys Phe Asp Gly Phe Arg Phe Asp Gly Val Thr Ser Met Met Tyr Thr 465 470 475 480
- His His Gly Leu Gln Val Asp Phe Thr Gly Asn Tyr Asn Glu Tyr Phe 485 490 495
- Gly Tyr Ala Thr Asp Val Asp Ala Val Val Tyr Leu Met Leu Leu Asn 500 505 510
- Asp Met Ile His Gly Leu Phe Pro Glu Ala Val Thr Ile Gly Glu Asp 515 520 525
- Val Ser Gly Met Pro Thr Val Cys Ile Pro Val Glu Asp Gly Gly Val 530 535 540
- Gly Phe Asp Tyr Arg Leu His Met Ala Val Ala Asp Lys Trp Val Glu 545 550 555 560
- Ile Ile Gln Lys Arg Asp Glu Asp Trp Lys Met Gly Asp Ile Val His
 565 570 575
- Met Leu Thr Asn Arg Arg Trp Leu Glu Lys Cys Val Ser Tyr Ala Glu 580 585 590
- Ser His Asp Gln Ala Leu Val Gly Asp Lys Thr Ile Ala Phe Trp Leu 595 600 605
- Met Asp Lys Asp Met Tyr Asp Phe Met Ala Leu Asp Arg Pro Ser Thr 610 620
- Pro Leu Ile Asp Arg Gly Val Ala Leu His Lys Met Ile Arg Leu Ile 625 630 635 640
- Thr Met Gly Leu Gly Gly Glu Gly Tyr Leu Asn Phe Met Gly Asn Glu 645 650 655
- Phe Gly His Pro Glu Trp Ile Asp Phe Pro Arg Gly Asp Leu His Leu 660 665 670

Pro	Ser	Gly 675	Lys	Phe	Val	Pro	Gly 680	Asn	Asn	Tyr	Ser	Tyr 685	Asp	Lys	Cys						
Arg	Arg 690	Arg	Phe	Asp	Leu	Gly 695	Asn	Ser	Lys	His	Leu 700	Arg	Tyr	His	Gly						
Met 705	Gln	Glu	Phe	Asp	Gln 710	Ala	Ile	Gln	His	Leu 715	Glu	Glu	Ala	Tyr	Gly 720						
Phe	Met	Thr	Ser	Glu 725	His	Gln	Tyr	Ile	Ser 730	Arg	Lys	Asp	Glu	Arg 735	Asp					r	
Arg	Ile	Ile	Val 740	Phe	Glu	Arg	Gly	Asn 745		Val	Phe	Val	Phe 750	Asn	Phe						
His	Trp	Thr 755	Ser	Ser	Tyr	Ser	Asp 760	Tyr	Arg	Val	Gly	Cys 765	Leụ	Lys	Pro						
Gly	Lys 770	Tyr	Lys	Ile	Val	Leu 775	Asp	Ser	Asp	Asp	Pro 78.0	Leu	Phe	Gly	Gly				-		
Phe 785	Ģly	Arg	Leu	Ser	His 790	Asp	Ala	Glu	His	Phe 795	Ser	Phe	Glu	Gly	Trp 800						,
Tyr	Asp	Asn	Arg	Pro 805	Arg	Ser	Phe	Met	Val 810	Tyr	Thr	Pro	Cys	Arg 815	Thr				e.		
Ala	Val	Val	820		,			825		Val			830						•		
Pro	Val	Ala 835	Gly		ا العالما	te	lro	ling	ا کور ۲	Lope	Co	don	a	nd	adj	us.	·	[2]	ノフィ	esp	esse
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The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

fleere corsult sample Sequence Listing (attacked) for valid formet.

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Smith, John; Smithgene Inc.
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<130>
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<301>
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<302>
             Protease from Paramecium sp.
            Journal of Genes
<303>
<304>
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agctgtagtc
             attcctgtgt
                          cctcttctct
                                                                                =
                                                                                     120
                                                   caggcaggca
                                                                ggcaggcagc
                          cctctgcctt
                                       tgcagcttca
             tcttgaccct
agggagagtg
                                                                                     180
                                                   aggcttaggg
                                                                tgggttccgc
            attgctggca
                          gtgccacagg
                                       cttttcagcc
tgatgtggca
                                                                                      240
                                                   ctctcgctct
                                                                cctctcgctc
                                       tcgcgcctct
             cggcccctct
                          cgcgctcctc
cgcggcgcgg
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gga	cctgat	t ag	ggtgag	gcag	gagga	aggggg	caç	gttago	:	atg Met 1	gtt Val		atg Met	ttc Phe 5	agc Ser	
ttg Leu	tct Ser	ttc Phe	aaa Lys 10		cct Pro	gga Gly	ttt Phe	tgt Cys 15	ttg Leu	ttt Phe	gtt Val	tgt Cys	ttg Leu 20	ttc Phe	caa Gln	;
tgt Cys	ccc Pro	aaa Lys 25	gtc Val	ctc Leu	ccc Pro	tgt Cys	cac His	tca Ser	tca Ser	ctg. Leu	cag Gln	ccg Pro 35	aat Asn	ctt Leu		7
<210 <211 <212 <213	.> !>	2 37 PF Pa	T 5	ium s	p.			r						.	≇ti:	
<400 Met 1	> Val	2 Ser	Met	Phe 5	Ser	Leu	Ser	Phe	Lys 10	Trp	Pro	Gly	Phe	Cys 15	Leu	
Phe	Val	Cys	Leu 20	Phe	Gln	Cys	Pro	Lys 25	Val	Leu	Pro	Cys	His 30	Ser	Ser	
Leu	Gln	Pro 35	Asn	Leu												
<210 <211 <212 <213	>	3 11 PR Ar	T	ial S	equen	ce		•		-						
<220 <223		De li	signe nker	d pep betwe	tide l en th	based e alph	on si na and	ze an l beta	d pol chai	arity ns of	to ac	ct as ein XY	a (Z.			
<400 Met 1	> Val	3 Asn	Leu	Glu 5	Pro	Met	His	Thr	Glu 10	Ile		•				
<210 <400 000	>	4														
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\$										J	-				4	

identifiers and their accompanying information as shown in the following table. The numeric identifier shall be used only in the "Sequence Listing." The order and presentation of the items of information in the "Sequence Listing" shall conform to the arrangement given below. Each item of information shall begin on a new line and shall begin with the numeric identifier enclosed in angle brackets as shown. The submission of those items of information designated with an "M" is mandatory. The submission of those items of information designated with an "O" is optional. Numeric identifiers <110> through <170> shall only be set forth at the beginning of the "Sequence Listing." The following table illustrates the numeric identifiers.

Numeric Identifier	Definition	Comments and Format	Mandatory (M) or Optional (O)
<110>	Applicant	Preferably max. of 10 names; one name per line; preferable format: Surname, Other Names and/or Initials	M Section 1
<120>	Title of Invention	· ,	М
<130>	File Reference	Personal file reference	M when filed prior to assignment of appl. number
<140>	Current Applica- tion Number	Specify as: US 07/999,999 or PCT/US96/99999	M, if available
<141>	Current Filing Date	Specify as: yyyy-mm-dd	M, if available
<150>	Prior Application Number	Specify as: US 07/999,999 or PCT/US96/99999	M, if applicable include priority documents under 35 USC 119 and 120
<151>	Prior Application Filing Date	Specify as: yyyy-mm-dd	M, if applicable
<160>	Number of SEQ ID NOs	Count includes total number of SEQ ID NOs	M .
<170>	Software	Name of software used to create the Sequence Listing	
<210>	SEQ ID NO:#:	Response shall be an integer representing the SEQ ID NO shown	. M
<211>	Length	Respond with an integer expressing the number of bases or amino acid residues	М

<212>	Туре	Whether presented sequence mole-cule is DNA, RNA, or PRT (protein). If a nucleotide sequence contains both DNA and RNA fragments, the type shall be "DNA." In addition, the combined DNA/	М
		RNA molecule shall be further described in the <220> to <223> feature section.	en e
<213>	Organism	Scientific name, i.e. Genus/species, Unknown or Artificial Sequence. In addition, the	M
	·	"Unknown" or "Artificial Se- quence" organisms shall be further described in the <220> to <223> feature section.	
<220>	Feature	Leave blank after <220>. <221-223> provide for a description of points of bio-	M, under the following condi- tions: if "n," "Xaa," or a mod- ified or unusual
		logical signi- ficance in the sequence.	L-amino acid or modified base was used in a se- quence; if ORGAN- ISM is "Artifi- cial Sequence" or "Unknown"; if
			molecule is combined DNA/RNA.
<221>	Name/Ķey	Provide appropriate identifier for feature, pre-	M, under the fol- lowing conditions: ► if "n," "Xaa," or
3		ferably from WIPO Standard ST.25 (1998), Appendix 2, Tables 5 and 6	a modified or un- usual L-amino acid or modified base was used in a sequence
<222>	Location	Specify location within sequence; where appropriate	M, under the fol- lowing conditions: if "n," "Xaa," or
		state number of first and last bases/amino acids	a modified or un- usual L-amino acid or modified

~		in feature	base was used in a sequence
<223>	Other Infor- mation	Other relevant information; four lines maximum	M, under the following conditions: if "n," "Xaa," or a modified or unusual L-amino acid
			or modified base was used in a sequence; if ORGANISM is "Artificial
			Sequence" or "Unknown"; if molecule is combined DNA/RNA.
<300>	Publication Information	Leave blank after <300>	0
<301>	Authors	Preferably max of ten named authors of publi- cation; specify one name per line; preferable format: Surname, Other Names and/or Initials	0
<302>	Title		0
<303>	Journal		0
<304>	Volume		O _.
<305>	Issue		0 .
<306>	Pages		0
<307>	Date	Journal date on which data published;	0
		specify as yyyy-mm- dd, MMM-yyyy or Season-yyyy	
<308>	Database Accession Number	Accession number assigned by data-base including database name	
<309,>	Database Entry Date	Date of entry in database; specify as yyyy-mm-dd or MMM-yyyy	0
<310>	Patent Document Number	Document number; for patent-type citations only. Specify as, for example, US 07/999,999	0

<311>	Patent Filing Date	Document filing date, for patent-type citations only; specify as yyyy-mm-dd	O
<312>	Publication Date	Document publication date, for patent-type citations only; specify as yyyy-mm-dd	0
<313>	Relevant Residues	FROM (position) TO (position)	0
<400>	Sequence	SEQ ID NO should follow the numeric identifier and should appear on the line preceding the actual sequence	M

5. Section 1.824 is revised to read as follows:

- 1.824 Form and format for nucleotide and/or amino acid sequence submissions in computer readable form.
- (a) The computer readable form required by 1.821(e) shall meet the following specifications:
- (1) The computer readable form shall contain a single "Sequence Listing" as either a diskette, series of diskettes, or other permissible media outlined in paragraph (c) of this section.
- (2) The "Sequence Listing" in paragraph (a) (1) of this section shall be submitted in American Standard Code for Information Interchange (ASCII) text. No other formats shall be allowed.
- (3) The computer readable form may be created by any means, such as word processors, nucleotide/amino acid sequence editors or other custom computer programs; however, it shall conform to all specifications detailed in this section.
- (4) File compression is acceptable when using diskette media, so long as the compressed file is in a self-extracting format that will decompress on one of the systems described in paragraph (b) of this section.
- (5) Page numbering shall not appear within the computer readable form version of the "Sequence Listing" file.
- (6) All computer readable forms shall have a label permanently affixed thereto on which has been hand-printed or typed: the name of the applicant, the title of the invention, the date on which the data were recorded on the computer readable form, the operating system used, a reference number, and an application serial number and filing date, if known.
- (b) Computer readable form submissions must meet these format requirements:
- (1) Computer: IBM PC/XT/AT, or compatibles, or Apple Macintosh;
- (2) Operating System: MS-DOS, Unix or Macintosh;